

Ebola Virus Disease (EVD) Evaluation Algorithm

(Last updated August 21, 2014, based on NYC DOHMH algorithm)



FEVER (≥ 101.5°F) with compatible symptoms* Nο NO FEVER but an otherwise within 21 days of leaving an Ebola affected area* concerning illness for EVD No or contact to a known or suspected EVD case? without an alternative diagnosis **IMMEDIATELY CALL LHD**** Yes PLACE PATIENT IN **ISOLATION** CALL LHD (Standard, contact & droplet) Yes **EVD Not** Suspected **HIGH-RISK EXPOSURE** LOW-RISK NO KNOWN Advise patient to **EXPOSURE EXPOSURE** Percutaneous or mucous self-monitor twice membrane exposure or direct daily for fever for skin contact with body fluids of Residence or travel Healthcare workers in 21 days after a person with confirmed or to EVD affected facilities that have leaving an Ebola suspected EVD without treated confirmed or areas* without affected area. appropriate personal protective suspected EVD HIGH or LOW-Consult with a equipment (PPE)* patients risk exposures physician at the **OR** first sign of illness. OR Laboratory processing of bodily Household member or fluids of suspected or confirmed other casual contact of EVD cases without appropriate an EVD patient PPE* or biosafety precautions **OR EVALUATION CRITERIA** Participation in funeral rites or Severe illness. OR other direct exposure to human Abnormal blood work: remains in the geographic area where the outbreak is occurring Platelet count < 150,000/µL LHD consultation Yes without appropriate PPE* Elevated hepatic transaminases to determine need for Ebola AND testing No alternative diagnosis Yes Nο **EVD Unlikely, Testing Not Currently Recommended EVD SUSPECTED. TESTING** INDICATED RECOMMENDATIONS If patient requires in hospital management: Admit to single patient room with private bathroom LDH/IDPH will facilitate specimen testing Implement standard, contact, and droplet infection control Admit patient to single room with private precautions bathroom

See CDC website for clinical infection control, laboratory guidance and list of currently affected countries: www.cdc.gov/ebola

Continue standard, contact and droplet

infection control precautions

**If LHD cannot be reached, call IDPH at 217-785-7165 (business hours) or 217-782-7860 (nights/weekends/holidays; ask for IDPH duty officer).

testing. If patient does not require in hospital management:

If patient's illness worsens, call LHD to discuss need for EVD

Observe clinical course, pursue alternative diagnoses

Alert LHD to discuss home isolation monitoring

Notify LHD prior to discharge for all suspect EVD patients

Evaluate for other likely illnesses, e.g., malaria and typhoid fever